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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/043,910	01/11/2002	Frank Lee	TRNDP006	7252

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EXAMINER
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MOORTHY, ARAVIND K

ART UNIT	PAPER NUMBER
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2131

DATE MAILED: 04/25/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/043,910	<b>Applicant(s)</b> LEE ET AL.	
	<b>Examiner</b> Aravind K. Moorthy	<b>Art Unit</b> 2131	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 16 February 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-35 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-35 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11 February 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☒ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. This is in response to the amendment filed on 16 February 2006.
2. Claims 1-35 are pending in the application.
3. Claims 1-35 have been rejected.

#### *Response to Amendment*

4. The applicant approves of the amendment made to claims 24 and 34. The claim has been amended to include "modifying the request for content". With this amendment, the applicant has overcome the 112-second paragraph rejection. The examiner withdraws the rejection.

#### *Response to Arguments*

5. Applicant's arguments with respect to claims 1-35 have been considered but are moot in view of the new ground(s) of rejection.

#### *Claim Rejections - 35 USC § 102*

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. **Claims 1-7 and 9-35 are rejected under 35 U.S.C. 102(e) as being anticipated by Bector et al US 6,687,732 B1.**

As to claim 1, Bector et al discloses a system for identifying undesirable content in responses sent in reply to a user request for content, the system comprising:

a user input device that generates a request for content including an address of a target server [column 1, lines 26-34];

a scan module that receives the user request for content and is capable of identifying the request as a request for content [column 5 line 56 to column 6 line 26];

a proxy module that modifies the request for content so that it is redirected to a proxy server [column 5 line 56 to column 6 line 26];

a network that routes the request for content to the proxy server [column 9, lines 4-25]; and

the proxy server that receives the request, forwards the request to the target server, and receives a response from the target server [column 10, lines 36-51].

As to claim 2, Bector et al discloses that the proxy server identifies undesirable content in the response and processes the response according to defined parameters [column 6, lines 61-67].

As to claim 3, Bector et al discloses that the proxy server sends at least a portion of the response to the user, the portion of the response not including the undesirable content [column 10, lines 36-57].

As to claim 4, Bector et al discloses that the proxy server sends a notification message back to the user, the notification message containing data related to the undesirable content [column 7 line 66 to column 8 line 16].

As to claim 5, Bector et al discloses the system further comprising:

a user preference module that receives user-defined parameters utilized by the proxy server when processing the response [column 12 line 39 to column 13 line 26].

As to claims 6, 19 and 31, Bector et al discloses that the proxy module redirects the request to the proxy server by modifying the request [column 5 line 56 to column 6 line 26].

As to claims 7, 20 and 32, Bector et al discloses that the proxy module modifies the request by adding a redirection destination header to the request [column 5 line 56 to column 6 line 26].

As to claims 9 and 26, Bector et al disclose that the undesirable content is a junk e-mail message, a computer virus, or pornographic material [column 2 line 56 to column 3 line 2].

As to claim 10, Bector et al discloses that the defined parameters are proxy server default parameters [column 9, lines 31-48].

As to claim 11, Bector et al discloses that the defined parameters are user-defined parameters [column 12 line 61 to column 13 line 26].

As to claim 12, Bector et al discloses that the defined parameters are a combination of userdefined parameters and proxy server default parameters [column 12 line 28 to column 13 line 26].

As to claims 13 and 14, Bector et al discloses that the scan module and the proxy module are located in a network gateway device [column 5, lines 48-54].

As to claim 15, Bector et al discloses that the network gateway device further comprises a firewall and a router [column 5, lines 48-54].

As to claim 16, Bector et al discloses a method for identifying undesirable content in responses sent in reply to a user request for content, the method comprising:

receiving input from a user including at least one request for content addressed to a target server [column 1, lines 26-34];

identifying the request for content by scanning the request for content [column 5 line 56 to column 6 line 26];

redirecting the request for content to a proxy server [column 5 line 56 to column 6 line 26];

receiving the request for content at the proxy server column 5 line 56 to column 6 line 26];

sending the request for content from the proxy server to the target server for generation of a response [column 5 line 56 to column 6 line 26];

receiving the response from the target server at the proxy server [column 10, lines 36-51];

scanning the response for undesirable content [column 6, lines 61-67]; and

processing the response according to defined parameters [column 6, lines 61-67].

As to claim 17, Bector et al discloses the method further comprising:

identifying undesirable content in the response [column 6, lines 61-67];

modifying the response to remove the undesirable content [column 7, lines 1-20];

and

sending the modified response from the proxy server to the user [column 7, lines 1-20].

As to claim 18, Bector et al discloses that the request for content is identified by examining the request protocol [column 7 line 66 to column 8 line 16].

As to claims 21 and 33, Bector et al discloses that the request for content is redirected to the proxy server by establishing a session with the proxy server [column 10, lines 36-51].

As to claim 22, Bector et al discloses the method further comprising:

receiving input of at least one user-defined parameter for use by the proxy server in processing the undesirable content [column 12 line 62 to column 13 line 26].

As to claims 23, Bector et al discloses that the user-defined parameter is input using a browser application [column 12 line 62 to column 13 line 26].

As to claims 24 and 34, Bector et al discloses that the user-defined parameter is sent to the proxy server by modifying the request for content [column 12 line 62 to column 13 line 26].

As to claims 25 and 35, Bector et al discloses that the user-defined parameter is sent to the proxy server during a session established with the proxy server [column 12 line 62 to column 13 line 26].

As to claim 27, Bector et al discloses a computer-readable medium for redirecting a user request for content addressed to a target server, the medium comprising instructions for:

receiving user input that includes at least one user request for content [column 1, lines 26-34];

identifying the request for content by scanning the request for content [column 5 line 56 to column 6 line 26];

forwarding the request for content to a proxy module [column 5 line 56 to column 6 line 26];

the proxy module for receiving the request for content [column 5 line 56 to column 6 line 26]; and

redirecting the request for content to a proxy server [column 9, lines 4-25].

As to claim 28, Bector et al discloses the computer-readable medium further comprising:

receiving at least one user-defined parameter related to processing of the response by the proxy server [column 12 line 62 to column 13 line 26].

As to claim 29, Bector et al discloses that the user-defined parameter is utilized by the proxy server in processing a response that includes undesirable content [column 12 line 62 to column 13 line 26].

As to claim 30, Bector et al discloses the computer-readable medium further comprising:

a database for storing the at least one user-defined parameter [column 12 line 62 to column 13 line 26].



***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

**7. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bector et al US 6,687,732 B1 as applied to claim 1 above, and further in view of Smithson et al US 6,898,715 B1.**

As to claim 8, Bector et al does not teach that the proxy server further quarantines undesirable content.

Smithson et al teaches a proxy that quarantines computer virus outbreaks [column 6 line 13 to column 7 line 17].

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Bector et al so that the proxy server would have quarantined undesirable content it was content containing a virus.

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Bector et al by the teaching of Smithson et al because it prevents the undesirable content (i.e. virus) to spread throughout the network [column 1, lines 48-64].

***Conclusion***

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).


A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

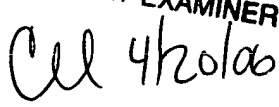
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Aravind K. Moorthy whose telephone number is 571-272-3793. The examiner can normally be reached on Monday-Friday, 8:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz R. Sheikh can be reached on 571-272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Aravind K Moorthy   
April 20, 2006

CHRISTOPHER REVAK  
PRIMARY EXAMINER  
 4/20/06